

0020795

20794 (C)



000024957

October 18, 1989

Best Available Copy

Mr. David Simonson
 Manager of Rocky Flats Office
 U.S. Department of Energy
 Rocky Flats Area Office
 P O Box 928
 Golden, Colorado 80402-0928

Dear Mr. Simonson

We are writing on behalf of the Cities of Westminster, Thornton, and Northglenn to outline several options available to the Department of Energy (DOE) to route discharges from Pond C-2 around Standley Lake. Staff from the Cities have been meeting with DOE and its contractors and the Cities are encouraged by DOE's responsiveness to work towards a solution. While the Cities remain committed to working with DOE, we feel that DOE must take the lead in developing the solution which DOE is most comfortable implementing.

The Cities have developed alternative solutions to routing Pond C-2 water around Standley Lake. These solutions can be implemented by next April, when it is estimated that Pond C-2 will have to be discharged again. By that time water in the Church Ditch will be utilized by irrigation and municipal users which must also be considered for potential impacts. These are not the only options available, and the Cities remain open to discussing other alternatives or combinations of those listed. These solutions meet the Cities' interim goal of no C-2 water reaching Standley Lake. The long-term goal of the Cities remains zero discharge from the facility. The following solutions have been discussed by the Cities:

1. Diversion Canal

A canal could be built to carry water from Pond C-2 to Big Dry Creek below Standley Lake. This would be the same concept as the one time solution of using the Church Ditch currently being utilized. Depending on the canal route, the following entities could be involved: the City of Westminster, the City of Northglenn, the City of Thornton, several private landowners, the Church Ditch Company, and the Farmers Reservoir and Irrigation Company.

2. Pipeline

A pipeline to carry the water released could also be laid from Pond C-2 to Big Dry Creek below Standley Lake. The same potential list of landowners would apply to this option.

3. Mower Reservoir/Canal

Water from Pond C-2 could be released to Mower Reservoir through the existing ditch to the reservoir, eliminating the need to construct a portion of the canal or pipe. A canal or pipeline would then be built from Mower Reservoir to Big Dry Creek below Standley Lake. Purchase or lease of views

ADMIN RECC

A-0003-000558

1/2

1989
 RECEIVED
 U.S.D.O.E.
 A.O.

NOV 18 1989
October 18, 1989
Page 2

Reservoir would be needed in addition to the right-of-way for a canal or pipeline. The list of landowners involved would be the same as under Item #1

4. Spray Irrigation

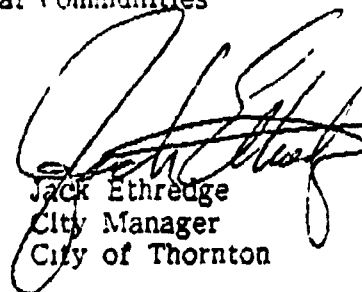
Water from Pond C-2 could be pumped to the western portion of the plant site where it could be used to irrigate the land. An advantage of this option would be that it could be implemented totally on DOE property, thereby eliminating many of the obstacles DOE has feared associated with the other options. Only DOE and Broomfield would be involved in implementing this option. It may be that this option would be implemented in conjunction with the pipeline or canal option to reduce the amount of discharge from the site. Piping to the west end of the site should not face problems because of topography as the pipe could follow the Interceptor canal or roads in existence on site.

In order to ensure that the chosen solution is in place by April, it is imperative that we continue to work towards selecting the best option. We would propose the following timeline for the next month. Within a week of the date of this letter, the Cities would meet with DOE to thoroughly review all of the options and their associated obstacles and what parties would be impacted. -- This would be an information exchange meeting only, with no decision expected. By November 6, or approximately three weeks after DOE receives this letter, the Cities would expect a written reply stating which option DOE has chosen to implement. A meeting with the Cities would then occur within one week, or by November 13. This schedule should allow all parties to reach an acceptable solution by December 1, leaving four full months to implement the solution.

We look forward to our respective staffs meeting to solve this challenging problem and meet our common goal of protecting the water quality in Standley Lake. Implementation of one of these options will restore public confidence in the municipal water supplies while also affording Rocky Flats a much better "good neighbor" image within the local communities.

Sincerely,


Bill Christopher
City Manager
City of Westminster


Jack Ethredge
City Manager
City of Thornton


Jim Landeck
City Manager
City of Northglenn

Best Available Copy